

Diploma Requirements

For more information contact:

First Stop @ 252-638-7205 admissions@cravencc.edu

Mike Keirn @ 252-638-7332 keirnm@cravencc.edu



ELECTRICAL ENGINEERING TECHNOLOGY DIPLOMA: D40180

Required Courses: 40 credit hours

Suggested Full-Time Schedule: The following suggested schedule is based on full-time enrollment.

Part-Time Students: Begin with ACA 111, ELC 131, and ISC 112. Continue with sequence of required courses. General education courses may be taken at any time.

First Semester (Fall – Year 1)

Course	Credit Hours	Title	Notes
ACA 111	1	College Student Success	
ELC 131	4	Circuit Analysis I	
ENG 111	3	Writing and Inquiry	
ISC 112	2	Industrial Safety	
MAT 121	3	Algebra/Trigonometry	
Total: 14			

Second Semester (Spring – Year 1)

Course	Credit Hours	Title	Notes
ELC 113	4	Residential Wiring	
ELN 131	4	Analog Electronics I	
ELN 133	4	Digital Electronics	
ELC 135	3	Electrical Machines	
Total: 15			

Third Semester (Fall – Year 2)

Course	Credit Hours	Title	Notes
ELC 117	4	Motor and Controls	
ELC 118	2	National Electric Code	
ELC 119	2	NEC Calculations	
ELN 260	4	Programmable Logic Controllers	
Total: 12			

Graduation Requirements

Minimum cumulative grade point average of 2.0; successful completion of all course requirements and the minimum number of credit hours for the specific degree; minimum of 18 semester hours completed at Craven Community College; submission of graduation application to the Cashiers Office by published deadlines. (See [college catalog](#) for details.)

For additional information about graduation requirements, prerequisites and corequisites, please refer to the catalog.